

ILLINOIS-AMERICAN WATER COMPANY
DuPAGE COUNTY SERVICE DISTRICT
Calculation of Variable Purchased Water Price
December 2004

FORMULA FACTORS

1. Purchased water charge in effect, per 1,000 gallons, effective April 1, 2004	\$2.23
2. Unit rate for variable purchased water cost and/or alternate delivery (wheeling) costs, per 1,000 gallons, per Exhibit B	\$1.849
3. Metered usage plus unaccounted-for water usage during the prior base period, in 1,000's of gallons, per Exhibit C (April through December)	493,530
4. Metered usage during the prior base period, in 1,000's of gallons, per Exhibit C (April through December)	402,035
5. Balance of unrecovered or (overrecovered) Supply Charge costs, per Exhibit D	107,913

CALCULATION OF VARIABLE COMPONENT

In accordance with Ill. Adm. Code 655:

Purchased Variable Water Charge in Effect (\$M/gal)	Estimated Purchased Water Cost and/or Alternate Delivery Variable Costs	+	Commission-ordered adjustment component for variable charge	+	Utility-determined adjustment component for variable charge	=	Recomputed Purchased Variable Water Charge (\$M/gal)
	Metered Usage in Mgals During Prior Base Period						
\$2.23	\$912,536.97	+	\$0.00	+	\$107,913	=	\$2.54
			402,035				

ILLINOIS-AMERICAN WATER COMPANY
DuPAGE COUNTY SERVICE DISTRICT
Calculation of Fixed Purchased Water Price
December 2004

FORMULA FACTORS

1. Purchased water charge in effect, per 1,000 gallons, effective April 1, 2004	\$7.23
2. Fixed cost for purchased water cost and/or alternate delivery (wheeling) costs, per 1,000 gallons, per Exhibit B, Page 2 of 3.	\$436,439.00
3. Equivalent Billing Units (EBU) per Exhibit B, page 3 of 3.	62,082.0
4. Metered usage during the prior base period, in 1,000's of gallons, per Exhibit C	N/A
5. Balance of unrecovered or (overrecovered) Fixed Supply Charge costs	(39,861)

CALCULATION OF FIXED COMPONENT

In accordance with Ill. Adm. Code 655:

Fixed Water Charge in Effect (\$/month/EBU)	Estimated Purchased Water Cost and/or Alternate Delivery Fixed Costs	+	Commission-ordered adjustment component for fixed charge	+	Utility-determined adjustment component for fixed charge	=	Recomputed Fixed Water Charge (\$/month/EBU)
			Equivalent Billing Units				
\$7.23	\$436,439.000	+	\$0.00	+	(\$39,861)	=	\$6.39
			62,082.0				

ILLINOIS-AMERICAN WATER COMPANY
DuPAGE COUNTY SERVICE DISTRICT
Variable Purchased Water Costs
December 2004

Description	Rate Per 1,000 gal
Variable rate purchased water charges:	
Operation and maintenance costs:	\$1.430
Subsequent customer capital risk charge:	0.000
Wheeling costs per below:	0.419
Total variable rate purchased water charges:	<u>1.849</u>
New wheeling costs:	
City of Wheaton	0.2000
Prorated amount based upon Metered Usage Plus Unaccounted-for Water usage, per below (9.452% x \$0.20)	0.019
City of Elmhurst	0.2000
Prorated amount based upon Metered Usage Plus Unaccounted-for Water Usage, per below (5.495% x \$.20)	0.011
Village of Lisle	0.8200
Prorated amount based upon Metered Usage Plus Unaccounted-for Water Usage, per below (27.027% x \$.82)	0.222
Village of Lombard	0.3348
Prorated amount based upon Metered Usage Plus Unaccounted-for Water Usage, per below (3.533% x \$.3348)	0.012
Village of Winfield	0.9000
Prorated amount based upon Metered Usage Plus Unaccounted-for Water Usage, per below (16.452% x \$.90)	0.148
Village of Glen Ellyn	0.4000
Prorated amount based upon Metered Usage Plus Unaccounted-for Water Usage, per below (1.773% x \$.40)	<u>0.007</u>
Total wheeling costs:	\$0.419

Source: Billing Invoices

ILLINOIS-AMERICAN WATER COMPANY
DuPAGE COUNTY SERVICE DISTRICT
Fixed Purchased Water Costs
December 2004

Fixed Cost Rate - Previous: From previous filing

Total actual charges for the prior 12 months:	207,341
Less-Credit for Charter Customers' facilities @ 43.32%	(89,833)
Missed FC Payments and Facilities Charge	493,992
Net fixed costs	<u>\$611,500</u>
Usage for 2003:	<u>664,448</u>
Calculated fixed cost rate per 1,000 gallons	<u>\$0.920</u>

Fixed Cost Rate - New:

Prior year monthly fixed cost requirement - per December, 2003 Invoice	<u>\$743,027</u>
Actual monthly fixed cost requirement per December, 2004 Invoice	<u>\$595,331</u>
Total IAWC allocation as a % of total allocation	2.223%
IAWC estimated monthly fixed cost requirement requirement (\$743027 x 2.223%)	\$12,919
Less-Credit for Charter Customers' facilities @ 43.32%	(5,597)
Other Fixed Charges - Facilities, Missed FC Pmts.	41,171
Net monthly fixed charge cost	<u>\$48,493</u>
Annualized for 9 months	<u>\$436,439</u>

Source: Billing Invoices

ILLINOIS-AMERICAN WATER COMPANY
DuPAGE COUNTY SERVICE DISTRICT
Calculation of Equivalent Billing Units
December 2004

CALCULATION OF EQUIVALENT BILLING UNITS

Meter Size	Number in Service	Equivalent Factor	Equivalent Units
5/8" DISK	5,702	1.0	5,702.0
3/4" DISK	307	1.5	460.5
1" DISK	88	2.5	220.0
1 1/2" DISK	23	5.0	115.0
2" DISK	26	8.0	208.0
3" DISK	0	15.0	0.0
4" DISK	0	25.0	0.0
6" DISK	0	50.0	0.0
8" DISK	0	80.0	0.0
10" DISK	0	115.0	0.0
12" DISK	0	168.0	0.0
3" TURBINE	4	17.5	70.0
4" TURBINE	2	30.0	60.0
6" TURBINE	1	62.5	62.5
8" TURBINE	0	90.0	0.0
10" TURBINE	0	145.0	0.0
Total Equivalent Billing Units			6,898.0

Source: Report "Meters by Bill Class, Rate Schedule, Size - Summary" dated March 3, 2005.

ILLINOIS-AMERICAN WATER COMPANY
DuPAGE COUNTY SERVICE DISTRICT
 Water Usage
 December 2004

Description	Metered Usage (1,000 of gallons)	Metered Usage Plus Unaccounted-for Water Usage (1,000 of gallons)
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For the monthly billing period ending in the month of:

2004 January	51,075	53,406
2004 February	42,317	48,837
2004 March	55,252	48,608
2004 April	39,507	50,121
2004 May	31,165	54,744
2004 June	45,488	54,911
2004 July	51,173	62,493
2004 August	56,038	59,391
2004 September	48,233	59,015
2004 October	51,659	50,726
2004 November	40,895	48,480
2004 December	37,877	53,649
Total for the 12 most recent months	<u>550,679</u>	<u>644,381</u>

ILLINOIS-AMERICAN WATER COMPANY
DuPAGE COUNTY SERVICE DISTRICT
Summary of Lake Water Purchases and Cost Recovery
December 2004

VARIABLE COSTS	(A) Actual Cost of Lake Water Purchased	(B) Cost Recovery via Lake Water Supply Charge	(A - B) Monthly Unrecovered (Overrecovered) Supply Charge Cost	Cumulative Unrecovered (Overrecovered) Supply Charge Cost
Month				
Balance forwarded from prior year:				\$53,403
January	\$107,526	\$118,111	(\$10,585)	42,818
February	\$98,583	96,496	2,087	44,905
March	\$97,902	130,649	(32,747)	12,157
April	\$100,665	90,365	10,299	22,456
May	\$111,849	74,319	37,530	59,986
June	\$112,490	101,735	10,755	70,741
July	\$128,117	114,484	13,633	84,374
August	\$121,565	125,310	(3,746)	80,628
September	\$121,248	109,961	11,287	91,914
October	\$103,778	115,987	(12,209)	79,706
November	\$98,965	93,009	5,957	85,662
December	\$108,800	86,549	22,251	107,913
Total	<u>\$1,311,487</u>	<u>\$1,256,976</u>	<u>\$54,510</u>	<u>107,913</u>
Unrecovered (Overrecovered) variable supply charges.				<u>\$107,913</u>
Utility-determined reconciliation component				<u>\$107,913</u>

Source: Bill Data and Purchase Data reports.

ILLINOIS-AMERICAN WATER COMPANY
DuPAGE COUNTY SERVICE DISTRICT
Summary of Lake Water Purchases and Cost Recovery
December 2004

FIXED COSTS	(A)	(B)	(A - B)	
	Actual Cost	Cost	Monthly	Cumulative
Month	of	Recovery	Unrecovered	Unrecovered
	Lake Water	via	(Overrecovered)	(Overrecovered)
	Purchased	Lake Water	Supply Charge	Supply Charge
		Supply Charge	Cost	Cost
Balance forwarded from prior year:				(\$8,975)
January	\$50,447	\$62,848	(\$12,401)	(21,376)
February	50,524	54,558	(4,035)	(25,410)
March	50,524	75,653	(25,130)	(50,540)
April	50,524	50,069	454	(50,085)
May	48,493	35,331	13,162	(36,923)
June	48,493	50,202	(1,708)	(38,631)
July	48,493	50,179	(1,686)	(40,317)
August	48,493	50,067	(1,573)	(41,890)
September	48,493	50,087	(1,594)	(43,484)
October	48,493	49,850	(1,356)	(44,840)
November	48,493	47,032	1,461	(43,379)
December	46,531	43,014	3,518	(39,861)
Total	<u>\$588,004</u>	<u>\$618,890</u>	<u>(\$30,886)</u>	<u>(39,861)</u>
Unrecovered (Overrecovered) variable supply charges.				<u>(\$39,861)</u>
Utility-determined reconciliation component				<u>(\$39,861)</u>

Source: Bill Data and Purchase Data reports.